



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4486

SERIAL NUMBER 09/892,630	FILING DATE 06/28/2001 RULE	CLASS 174	GROUP ART UNIT 2841	ATTORNEY DOCKET NO. 3008-28
-----------------------------	---------------------------------------	--------------	------------------------	--------------------------------

APPLICANTS

Seigi Aoyama, Ibaraki, JAPAN;
 Takaaki Ichikawa, Ibaraki, JAPAN;
 Hiromitsu Kuroda, Ibaraki, JAPAN; Takashi Nemoto, Ibaraki, JAPAN;
 Atsushi Ohtake, Ibaraki, JAPAN;
 Hiroyoshi Hiruta, Ibaraki, JAPAN;

PN No

** CONTINUING DATA *****

m 4g

** FOREIGN APPLICATIONS *****
 JAPAN 2001-61650 03/06/2001 NO

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 08/15/2001

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 4	TOTAL CLAIMS <i>13</i> <i>2</i>	INDEPENDENT CLAIMS <i>3</i> <i>2</i>
---	------------------------------	------------------------	--	---

35 USC 119 (a-d) conditions met ☒ yes ☐ no ☐ met after Allowance

Verified and Acknowledged
 Examiner's Signature *[Signature]* Initials *[Initials]*

ADDRESS
 20457
 ANTONELLI, TERRY, STOUT & KRAUS, LLP
 1300 NORTH SEVENTEENTH STREET
 SUITE 1800
 ARLINGTON, VA
 22209-3873

TITLE
 Lead-free solder, and connection lead and electrical component using said lead-free solder

FILING FEE RECEIVED 1278	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---